

REMARKS

Reconsideration and allowance of this application, as amended, is respectfully requested.

This Amendment is in response to the Office Action dated August 25, 2005. Appreciation is expressed to the Examiner for the allowance of claim 3 and its dependent claims as well as the indication of allowable subject matter with regard to claims 6, 7, 8, 9 and 10.

By the present Amendment, independent claim 1 has been amended to clarify the invention as will be discussed below. Independent claim 2 has been amended to become a dependent claim of claim 1. Claims 11-13 have been canceled, without prejudice to the applicants' right to proceed with filing a continuation application directed to the subject matter of these canceled claims. New claims 14-18 have been added, which correspond to independent versions of claims 6 to 10 (indicated as containing allowable subject matter) rewritten to include the subject matter of original claim 1. Finally, page 24 of the Specification has been amended to respond to the objection to the disclosure set forth on page 2 of the Office Action. Therefore, removal of this objection is respectfully requested.

Reconsideration and allowance of amended independent claim 1 and its respective dependent claims over the reference to Iwata (US 2004/0144359) is respectfully requested. By the present amendment, independent claim 1 has been amended to include further recitations concerning the relationship between the rotation of the rotary body and the effect this has on the opening of the restricting portion relative to a fuel spraying port. In particular, claim 1 has been amended to define:

"in said restricting portion,

in a case where said rotary body rotates toward one direction of a first rotating direction and a second rotating direction, reverse to the first rotating direction, said restricting portion opens from a side near to a wall surface portion to said fuel spraying port of said air inlet passageway section in which said fuel spraying port is disposed, and

in a case where said rotary body rotates toward an opposite direction of said first rotating direction and said second rotating direction, said restricting portion opens from a side remote to said wall surface portion to said fuel spraying port of said air inlet passageway section"

Although the cited reference to Iwata is of general interest with regard to a valve arrangement for an air intake system for a multi-cylinder engine, it is respectfully submitted that it fails to teach or suggest the above-noted further limitations of independent claim 1 defining the relationship between the direction of rotation of the rotary body and the opening of the restricting portion relative to the fuel spraying port. With regard to this, attention is directed to Fig. 4, showing a cross-sectional view of the operation of an air flow control valve 123 and the fuel injection port 161 of a fuel spray mechanism 105. Still further, reference is made to Fig. 9, which shows the forward and reverse directions of the air flow control valve used in Figs. 1-4, as well as Fig. 10 which shows changes of shape of the restricting portion in the two inlet passageways based on the rotation of the air flow control valve 123. This difference in the opening of the restricting portion relative to the fuel spray port depends upon the construction of the rotary body, and is neither taught nor suggested by Iwata. Therefore, reconsideration and removal of the rejection of

independent claim 1 and various ones of its dependent claims over Iwata is earnestly solicited.


Reconsideration and allowance of newly submitted independent claims 14-18 is also respectfully requested. These new claims respectively correspond to claims 6, 7, 8, 9 and 10 being written into independent form to incorporate the subject matter of their original parent claim 1. In light of the indication of allowable subject matter for claims 6-10, if re-written into dependent form to incorporate the subject matter of the parent independent claim 1, entry and allowance of these newly submitted claims is respectfully requested.

If the Examiner believes that there are any other points which may be clarified or otherwise disposed of either by telephone discussion or by personal interview, the Examiner is invited to contact Applicants' undersigned attorney at the number indicated below.

To the extent necessary, Applicants petition for an extension of time under 37 CFR §1.136. Please charge any shortage in fees due in connection with the filing of this paper, including extension of time fees, to the Antonelli, Terry, Stout & Kraus, LLP Deposit Account No. 01-2135 (Docket No. 503.43629X00), and please credit any excess fees to such deposit account.

Respectfully submitted,
ANTONELLI, TERRY, STOUT & KRAUS, LLP

By



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